

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

1-1- The molar mass of H_2SO_4 is:

- (a) 9.8 amu
- (b) 98 amu
- (c) 98 gm ✓
- (d) 9.8 gm

2- Which one of the following scientists discovered proton:

- (a) J.J. Thomson
- (b) Goldstein ✓
- (c) Rutherford
- (d) Neil Bohr

3- The number of elements present in third period of modern periodic table is:

- (a) 2
- (b) 8 ✓
- (c) 18
- (d) 32

4- In halogens, which has high electronegativity element:

- (a) Iodine
- (b) Bromine
- (c) Chlorine
- (d) Fluorine ✓

5- The bond formed between two non-metals is expected to be:

- (a) Metallic bond
- (b) Covalent bond ✓
- (c) Ionic bond
- (d) Coordinate covalent bond

6- Ice floats on water because:

- (a) Ice is amorphous in nature
- (b) Ice is denser than water
- (c) Water molecules move more randomly
- (d) Water is denser than ice ✓

- 7- One atmospheric pressure is equal to Pascals;
(a) 10325 (b) 101325 ✓
(c) 10523 (d) 106075
- 8- Which one of the following is suspension;
(a) Milk of magnesia ✓
(b) Sugar solution
(c) Ink (d) Milk
- 9- Mist is an example of;
(a) Liquid in gas ✓ (b) Gas in liquid
(c) Solid in gas (d) Gas in solid
- 10- The spontaneous reaction takes place in a cell;
(a) Nelson cell (b) Down's cell
(c) Electrolytic cell (d) Galvanic cell ✓
- 11- Which one of following solution is non-electrolyte;
(a) Solution of H_2SO_4 (b) Sugar solution ✓
(c) Lime solution (d) Solution of NaCl
- 12- The most abundant metal is;
(a) Aluminium ✓ (b) Gold
(c) Silver (d) Platinum